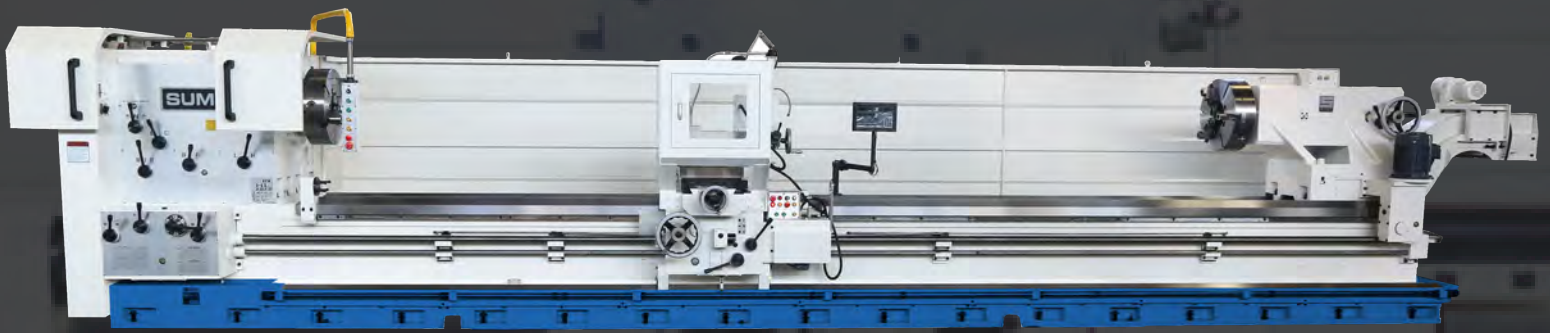


SUMMIT
MACHINE TOOL LLC



BIG SWING HOLLOW SPINDLE LATHES

47", 55", 63" SWINGS - 9" TO 21" SPINDLE BORES

SUMMIT BIG SWING HOLLOW SPINDLE LATHES

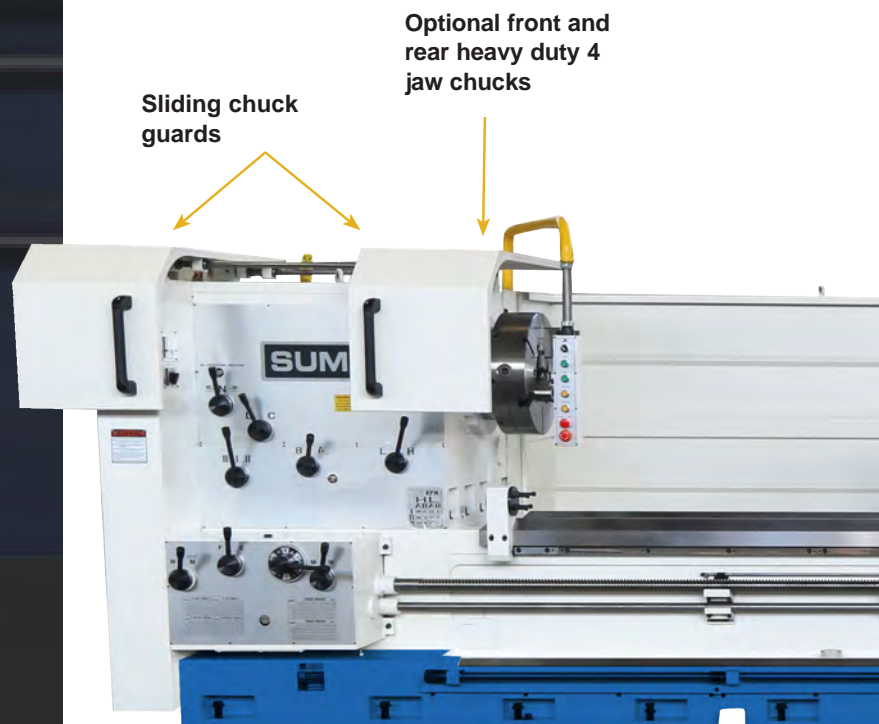
Designed to provide the precision and rugged reliability required for today's demanding applications, we are proud to offer the newly redesigned **Summit®** 47", 55", 63" Series Big Swing Hollow Spindle Lathes.

The "Big Swing" lathes are available in center distances from 80" to 360" with spindle bores from 9" to 21" to cover a wide range of work pieces and feature castings that are heavily ribbed for rigidity and vibration dampening. The headstock is designed with straight cut final drive gears to provide quiet and efficient operation through the full range of spindle speeds. The extra wide (31.5") bed ways are hardened and precision ground to provide high accuracy and long life and the bed is constructed from high-grade alloyed cast iron, normalized and aged to achieve maximum stability. An additional third way is provided on the front of the bed to provide additional support to the carriage to prevent deflection even in the heaviest cuts.

The Big Swing Hollow Spindle Lathes also come equipped with a steady rest, follow rest, taper attachment, hardened and precision ground bedways, front and rear chucks, and many more options are also available.



Heavy Duty Carriage shown with optional digital readout



Sliding chuck guards

Optional front and rear heavy duty 4 jaw chucks

Optional front and rear 4 jaw chuck

- Heavy duty steel body
- Spindle bores up to 21"
- Sliding chuck guards



Extended Length Taper Attachment Included



INCLUDED ACCESSORIES

- Steady Rest
- Follow rest
- Full-length splash guard (up to 240")
- Chuck guards
- Halogen work light
- Taper attachment
- Coolant system
- Thread dial
- Square Tool Post

STANDARD FEATURES

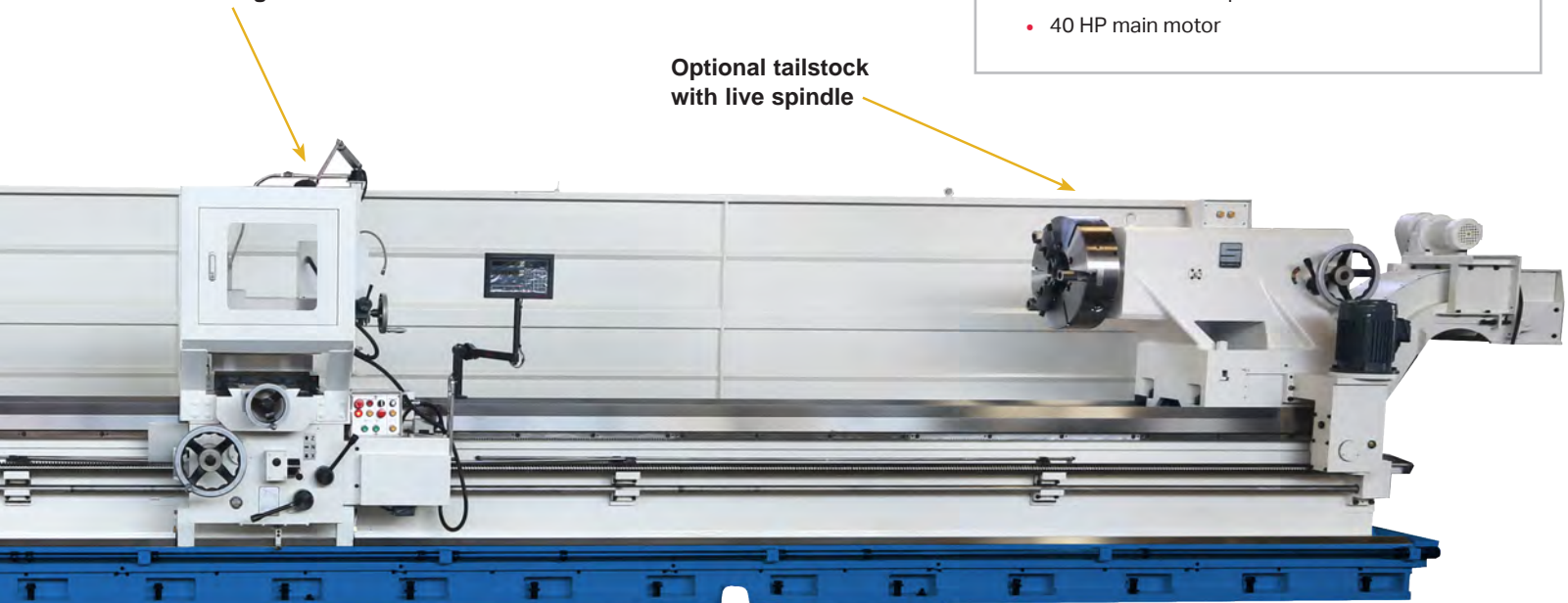
- Quick change gear box will cut inch and metric threads
- Hardened & precision ground extra wide bed ways
- 4-way rapid traverse
- Two speed tailstock

OPTIONS

- Optional removable gap available upon request
- Quick change tool post with holders
- Electronic digital readouts
- Wide range of workholding devices including tailstock with live spindle
- 40 HP main motor

Work light

Optional tailstock with live spindle



DIMENSIONS AND SPECIFICATIONS

BIG SWING HOLLOW SPINDLE LATHES



HOLLOW SPINDLE LATHES

| SPECIFICATIONS | 47-9 | 55-9 | | 63-9 |
|---------------------------------|--|-------------------------------|-------------------------------|----------------|
| CAPACITIES | | INCH / METRIC | | |
| Swing over bed | 47" / 1,200mm | 55" / 1,400mm | | 63" / 1,600mm |
| Swing over cross slide | 32.6" / 830mm | 40.5" / 1030mm | | 48.4" / 1230mm |
| WORKPIECE WEIGHTS | | 22,000 lbs / 10,000 kg | | |
| HEADSTOCK | | | | |
| Spindle bore | 9" / 230mm | 12.2" / 310mm | 14.2" / 360mm | 21" / 535mm |
| Spindle nose | A2-15 | A2-20 | A2-20 | A2-28 |
| Spindle speeds: number | 12 | 12 | 12 | 12 |
| Spindle speeds: range | 6-400 RPM | 5-300 RPM | 5-300 RPM | 3-230 RPM |
| CARRIAGE | | | | |
| Cross slide travel | 30.7" / 780 mm | | | |
| Compound travel | 13.7" / 350 mm | | | |
| Bed width | 31.5" / 800 mm | | | |
| Leadscrew | 1.97 in / 50mm x 2 TPI | | | |
| GEARBOX | | | | |
| Longitudinal feeds: (no.) range | (48) .13 - 1.92 IPR | | | |
| Cross feeds: (no.) range | (48) .065 - .96 IPR | | | |
| Threads per inch: (no.) range | (48) 1 - 15 TPI | | | |
| Metric threads: (no.) range | (48) 2 - 30 mm | | | |
| TAILSTOCK | | | | |
| Quill diameter | 7.9" / 200mm (standard) or 11.4" / 290mm for Rotary Quill (optional) | | | |
| Quill travel | 11.8" / 300 mm | | | |
| Quill taper | MT #7 | | | |
| MISCELANEOUS | | | | |
| Main Motor Power | 30 HP (40 HP & 50 HP Optional) | | | |
| DIMENSIONS & WEIGHTS | | | | |
| 80" centers | 200" x 87" x 83" / 21,120 lbs | 200" x 87" x 91" / 24,620 lbs | 200" x 87" x 99" / 38,120 lbs | |
| 120" centers | 240" x 87" x 83" / 32,620 lbs | 240" x 87" x 91" / 36,120 lbs | 240" x 87" x 99" / 39,620 lbs | |
| 160" centers | 280" x 87" x 83" / 36,120 lbs | 280" x 87" x 91" / 39,620 lbs | 280" x 87" x 99" / 43,120 lbs | |
| 200" centers | 320" x 87" x 83" / 39,620 lbs | 320" x 87" x 91" / 43,120 lbs | 320" x 87" x 99" / 46,620 lbs | |
| 240" centers | 360" x 87" x 83" / 43,120 lbs | 360" x 87" x 91" / 46,620 lbs | 360" x 87" x 99" / 50,120 lbs | |
| 280" centers | 400" x 87" x 83" / 46,620 lbs | 400" x 87" x 91" / 50,120 lbs | 400" x 87" x 99" / 53,620 lbs | |
| 320" centers | 440" x 87" x 83" / 50,120 lbs | 440" x 87" x 91" / 53,620 lbs | 440" x 87" x 99" / 57,120 lbs | |
| 360" centers | 480" x 87" x 83" / 54,220 lbs | 480" x 87" x 91" / 57,720 lbs | 480" x 87" x 99" / 61,620 lbs | |

WARRANTY: A copy of Summit Machine Tool LLC's standard written warranty is attached to each Summit Machine. Call or write to Summit for a copy or for further information concerning Summit's standard warranty. All purchases are subject to Summit's standard written warranty. Specifications are subject to change without notice.

POINT OF OPERATION GUARDING is the responsibility of the end user. For information contact your local OSHA office.

02/2020

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FOR MORE INFORMATION CALL 1-800-654-3262

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